

217/785-1705

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) -- NSPS SOURCE

PERMITTEE

The Maschhoffs, Inc.
Attn: Art Braundmeier
7475 State Route 127
Carlyle, Illinois 62231

<u>Application No.:</u> 11100021	<u>I.D. No.:</u> 149808AAH
<u>Applicant's Designation:</u>	<u>Date Received:</u> October 11, 2011
<u>Subject:</u> Animal Feed Mill	
<u>Date Issued:</u> September 15, 2014	<u>Expiration Date:</u> September 15, 2024
<u>Location:</u> 2804 State Route 107, Griggsville, Pike County	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

One (1) 40 tons/hour Pellet Mill;
One (1) Column Dryer;
Two (2) Dump Pits;
Enclosed Internal Transfer;
Six (6) 250,966 Bushel Grain Storage Bins;
Two (2) 61,000 Bushel Grain Storage Bins;
One (1) Ingredient Unloading Station;
One (1) Grain Cleaner;
Three (3) Roller Mills Controlled by Baghouse;
Thirty-five (35) Product Storage Bins;
Product Pelletizing Controlled by Cyclone;
Product Loadout; and
One (1) 20.922 mmBtu/hour Natural Gas-Fired Boiler;
One (1) 140 tons/hour Hammer Mill Controlled by Baghouse

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for Particulate Matter less than 10 microns (PM₁₀)). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit are described in Attachment A.
 - b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
 - c. This permit supersedes all operating permit(s) for this location.
2. The 20.922 mmBtu/hour boiler is subject to the New Source Performance Standards (NSPS) for Small Industrial - Commercial - Institutional Steam Generating Units, 40 CFR 60 Subparts A and Dc. The Illinois EPA

is administering the NSPS in Illinois on behalf of the United States EPA under a delegation agreement. Pursuant to 40 CFR 60.40c(a), except as provided in 40 CFR 60.40c(d), (e), (f), and (g), the affected facility to which 40 CFR 60 Subpart Dc applies is each steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 29 megawatts (MW) (100 million British thermal units per hour (mmBtu/hour)) or less, but greater than or equal to 2.9 MW (10 mmBtu/hour).

- 3a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 meter (1000 foot) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.
- c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.
- d. Pursuant to 35 Ill. Adm. Code 212.321(a), except as further provided in 35 Ill. Adm. Code Part 212, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- e. Housekeeping Practices. Pursuant to 35 Ill. Adm. Code 212.461(b), all grain-handling and grain-drying operations, regardless of size, must implement and use the following housekeeping practices:
 - i. Air pollution control devices shall be checked daily and cleaned as necessary to insure proper operation.
 - ii. Cleaning and Maintenance.

- A. Floors shall be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces shall be kept clean of grain and dust that would tend to rot or become airborne.
 - B. Cleaning shall be handled in such a manner as not to permit dust to escape to the atmosphere.
 - C. The yard and surrounding open area, including but not limited to ditches and curbs, shall be cleaned to prevent the accumulation of rotting grain.
- iii. Dump Pit.
 - A. Aspiration equipment shall be maintained and operated.
 - B. Dust control devices shall be maintained and operated.
- iv. Head House. The head house shall be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.
- v. Property. The yard and driveway of any source shall be asphalted, oiled or equivalently treated to control dust.
- vi. Housekeeping Check List. Housekeeping check lists to be developed by the Illinois EPA shall be completed by the manager and maintained on the premises for inspection by Illinois EPA personnel.
- f. Pursuant to 35 Ill. Adm. Code 212.463, unless otherwise exempted pursuant to 35 Ill. Adm. Code 212.461(c) or (d) or allowed to use alternate control according to 35 Ill. Adm. Code 212.461(g), grain-drying operations for which construction or modification commenced prior to June 30, 1975, with a total grain-drying capacity in excess of 750 bushels per hour for 5 percent moisture extraction at manufacturer's rated capacity (using the American Society of Agricultural Engineers Standard 248.2, Section 9, Basis for Stating Drying Capacity of Batch and Continuous-Flow Grain Dryers) shall be operated in such a fashion as to preclude the emission of particulate matter larger than 300 microns mean particle diameter, shall apply for an operating permit pursuant to 35 Ill. Adm. Code 201, and shall comply with the following:
 - Column Dryers. The largest effective circular diameter of transverse perforations in the external sheeting of a column dryer shall not exceed 0.094 inch, and the grain inlet and outlet shall be enclosed.
- 4. Pursuant to 35 Ill. Adm. Code 214.301, except as further provided by 35 Ill. Adm. Code Part 214, no person shall cause or allow the emission of

sulfur dioxide into the atmosphere from any process emission source to exceed 2,000 ppm.

5. Pursuant to 35 Ill. Adm. Code 215.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission source, except as provided in 35 Ill. Adm. Code 215.302, 215.303, 215.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code Part 215 Subpart K (Use of Organic Material) shall apply only to photochemically reactive material.
6. Pursuant to 35 Ill. Adm. Code 216.121, no person shall cause or allow the emission of carbon monoxide (CO) into the atmosphere from any fuel combustion emission source with actual heat input greater than 2.9 MW (10 mmBtu/hour) to exceed 200 ppm, corrected to 50 percent excess air.
7. This permit is issued based on the source not being subject to the New Source Performance Standards (NSPS) for Grain Elevators, 40 CFR 60 Subpart DD, because the permanent storage capacity is less than 88,100 m³ (ca. 2.5 million U.S. bushels).
- 8a. This permit is issued based on the Boiler at this source not being subject to the requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63 Subpart JJJJJJ. Pursuant to 40 CFR 63.11195(e), gas-fired boilers are not subject to 40 CFT 63 Subpart JJJJJJ. Pursuant to 40 CFR 63.11237, gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.
- b. This permit is issued based on the source not being subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Prepared Feeds Manufacturing, 40 CFR 63 Subpart DDDDDDD because the source does not use a material containing chromium or a material containing manganese in the production of prepared feeds.
- 9a. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hour (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.
- b. Pursuant to 35 Ill. Adm. Code 212.461(a), 35 Ill. Adm. Code 212.302(a), 212.321, and 212.322 shall not apply to grain-handling and grain-drying

operations, portable grain-handling equipment and one-turn storage space.

- c. Pursuant to Section 9(f) of the Illinois Environmental Protection Act (Act), any grain elevator located outside of a major population area, as defined in Section 211.3610 of Title 35 of the Illinois Administrative Code, shall be exempt from the requirements of Section 212.462 of Title 35 of the Illinois Administrative Code provided that the elevator:
 - i. Does not violate the prohibitions of Section 9(a) of the Act or have a certified investigation, as defined in Section 211.970 of Title 35 of the Illinois Administrative Code , on file with the Illinois EPA; and
 - ii. Is not required to obtain a Clean Air Act Permit Program permit pursuant to Section 39.5 of the Act. Notwithstanding the above exemption, new stationary source performance standards for grain elevators, established pursuant to Section 9.1 of the Act and Section 111 of the federal Clean Air Act, shall continue to apply to grain elevators.
- 10. Pursuant to 35 Ill. Adm. Code 215.303, the provisions of 35 Ill. Adm. Code 215.301 and 215.302 shall not apply to fuel combustion emission sources.
- 11. Pursuant to 40 CFR 60.11(d), at all times, including periods of startup, shutdown, and malfunction, owners and operators shall to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Illinois EPA or USEPA which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- 12a. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
- b. The cyclones and baghouse shall be in operation at all times when the associated emission unit(s) is in operation and emitting air contaminants.
- c. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the baghouses associated with the roller mills and the hammermill and the cyclone associated product pelletizing such that the baghouses and cyclone are kept in proper working condition and not cause a violation of the Environmental Protection Act or regulations promulgated therein.

- d. The boiler and grain dryer shall only be operated with natural gas as the fuel. The use of any other fuel in the boiler or the grain dryer requires that the Permittee first obtain a construction permit from the Illinois EPA and then perform stack testing to verify compliance with all applicable requirements.

13a. Operation and emissions of the animal feed production operations shall not exceed the following limits:

- i. Annual animal feed production: 90,000 tons/month, 900,000 tons/year
- ii. Particulate matter emissions from the dry pet food production operations:

<u>Process</u>	<u>Throughput</u> <u>(T/Mo)</u>	<u>Throughput</u> <u>(T/Yr)</u>	<u>Emission</u> <u>Factor</u> <u>(lb/Ton)</u>	<u>Control</u> <u>Efficiency</u> <u>(%)</u>	<u>PM Emissions</u> <u>(T/Mo)</u>	<u>PM Emissions</u> <u>(T/Yr)</u>
<u>Grain Receiving:</u>						
Grain Unloading	46,711	467,107	0.18	0	4.20	42.04
Grain Handling	144,803	1,448,033	0.061	99	0.04	0.44
Grain Dryer	14,014	140,132	0.22	0	1.54	15.41
Storage Bin Vents	46,711	467,107	0.025	0	0.58	5.84
<u>Grain Milling:</u>						
<u>Ingredients</u>						
Unloading	43,290	432,893	0.0017	0	0.04	0.37
<u>Grain/Ingredients</u>						
Handling	134,197	1,341,967	0.061	99	0.04	0.41
Grain Cleaning	46,711	467,107	0.075	90	1.75	17.52
Roller Mill	46,711	467,107	0.024	90	0.56	5.61
Hammer Mill	46,711	467,107			0.56	5.61
Storage Bin Vents	90,000	900,000	0.025	0	1.13	11.25
Product Pelletizing	70,080	700,800	0.15	90	5.26	52.56
Product Loadout	90,000	900,000	0.0033	50	0.07	0.74
					Total:	157.80

- iii. PM₁₀ emissions from the animal feed production operations:

<u>Process</u>	<u>Throughput</u> <u>(T/Mo)</u>	<u>Throughput</u> <u>(T/Yr)</u>	<u>Emission</u> <u>Factor</u> <u>(lb/Ton)</u>	<u>Control</u> <u>Efficiency</u> <u>(%)</u>	<u>PM Emissions</u> <u>(T/Mo)</u>	<u>PM Emissions</u> <u>(T/Yr)</u>
<u>Grain Receiving:</u>						
Grain Unloading	46,711	467,107	0.059	0	1.39	13.78
Grain Handling	144,803	1,448,033	0.034	99	0.03	0.25
Grain Dryer	14,014	140,132	0.055	0	0.39	3.85
Storage Bin Vents	46,711	467,107	0.0063	0	0.15	1.47
						0.00

<u>Process</u>	<u>Throughput (T/Mo)</u>	<u>Throughput (T/Yr)</u>	<u>Emission Factor (lb/Ton)</u>	<u>Control Efficiency (%)</u>	<u>PM Emissions (T/Mo)</u>	<u>PM Emissions (T/Yr)</u>
<u>Grain Milling:</u>						
Ingredients						
Unloading	43,290	432,893	0.001	0	0.02	0.22
Grain/Ingredients						
Handling	134,197	1,341,967	0.034	99	0.02	0.23
Grain Cleaning	46,711	467,107	0.019	90	0.44	4.44
Roller Mill	46,711	467,107	0.012	90	0.28	2.80
Hammer Mill	46,711	467,107	0.012		0.28	2.80
Storage Bin Vents	90,000	900,000	0.0063	0	0.28	2.84
Product Pelletizing	70,080	700,800	0.075	90	2.63	26.28
Product Loadout	90,000	900,000	0.0008	50	0.02	0.18
					Total:	59.14

iv. These limits are based on the maximum feed mill throughput of 400,000 tons/year, standard emission factors (Table 9.9-1 and 9.9-2, AP-42, Fifth Edition, Volume I, Update 2003, May 2003), 99% control efficiency for enclosed internal transfer, and 50% control efficiency for product loadouts with socks.

b. Operation and emissions of the boiler and dryer (combined) shall not exceed the following limits:

i. Natural gas used in the boiler and dryer: 74.81 mmscf/month, 748.05 mmscf/year.

ii. Emissions from the combustion of natural gas:

<u>Pollutant</u>	<u>Emission Factor (lbs/mmscf)</u>	<u>Emissions (Tons/Mo)</u>	<u>Emissions (Tons/Yr)</u>
Carbon Monoxide (CO)	84.0	3.14	31.42
Nitrogen Oxides (NO _x)	100.0	3.74	37.40
Particulate Matter (PM)	7.6	0.28	2.84
Particulate Matter (PM ₁₀)	7.6	0.28	2.84
Sulfur Dioxide (SO ₂)	0.6	0.02	0.22
Volatile Organic Material (VOM)	5.5	0.21	2.06

These limits are based on the maximum fuel usage and standard emission factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, July 1998).

c. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).

14. This permit is issued based on the Potential to Emit (PTE) for Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean

Air Act from the source being less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program (CAAPP) Permit.

- 15a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
 - i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
 - ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Condition 16 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.
16. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.
- 17a. Pursuant to 40 CFR 60.7(b), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain records of the occurrence

and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

- b. Pursuant to 40 CFR 60.7(f), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR Part 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.
- 18a.
- i. Pursuant to 40 CFR 60.48c(g)(1), except as provided under 40 CFR 60.48c(g)(2) and (g)(3), the owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each operating day.
 - ii. Pursuant to 40 CFR 60.48c(g)(2), as an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.
 - iii. Pursuant to 40 CFR 60.48c(g)(2), as an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to 40 CFR 60 Subpart Dc) at that property are natural gas, wood, distillate oil meeting the most current requirements in 40 CFR 60.42c to use fuel certification to demonstrate compliance with the SO₂ standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.
- b. Pursuant to 40 CFR 60.48c(i), all records required under 40 CFR 60.48 shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.
19. Pursuant to 40 CFR 63.10(b)(3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f)

of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b)(3) and to record the results of that determination under 40 CFR 63.10(b)(3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.

20. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.
- 21a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
 - i. Records addressing use of good operating practices for the baghouses associated with the roller mills and the hammermill and the cyclone associated product pelletizing:
 - A. Records for periodic inspection of the baghouse and cyclone with date, individual performing the inspection, and nature of inspection; and
 - B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
 - ii. Amount of grains and meals received (tons/month and tons/year);
 - iii. Amount of feed processed (tons/month and tons/year);

- iv. Amount of natural gas burned in boiler and dryer (mmscf/month and mmscf/year); and
 - v. Monthly and annual emissions of CO, NO_x, PM, PM₁₀, SO₂, and VOM, from the source with supporting calculations (tons/month and tons/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
22. Pursuant to 40 CFR 60.7(a)(4), any owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Illinois EPA or USEPA written notification or, if acceptable to both the Illinois EPA and USEPA and the owner or operator of a source, electronic notification, as follows: A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Illinois EPA or USEPA may request additional relevant information subsequent to this notice.
23. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- 24a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance or deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or deviation and efforts to reduce emissions and future occurrences.

- b. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
412 SW Washington Street
Suite D
Peoria, Illinois 61602

If you have any questions on this, please call Mike Dragovich at 217/785-1705.

Raymond E. Pilapil
Acting Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

REP:MJD:jws

cc: Illinois EPA, FOS Region 2
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the Animal Feed Mill operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from these plants. The resulting maximum emissions are below the levels (e.g., 100 tons/year for PM₁₀) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

<u>Emission Unit</u>	<u>CO</u>	E M I S S I O N S (Tons/Year)				<u>VOM</u>
		<u>NO_x</u>	<u>PM</u>	<u>PM₁₀</u>	<u>SO₂</u>	
<u>Grain Receiving</u>						
Grain Unloading			42.04	13.78		
Grain Handling			0.44	0.25		
Grain Dryer			15.41	3.85		
Storage Bin Vents			5.84	1.47		
<u>Grain Milling</u>						
Ingredients Unloading			0.37	0.22		
Grain/Ingredients Handling			0.41	0.23		
Grain Cleaning			17.52	4.44		
Roller Mill			5.61	2.80		
Hammer Mill			2.80	2.80		
Storage Bin Vents			11.25	2.84		
Product Pelletizing			52.56	26.28		
Product Loadout			0.74	0.18		
Boiler and Dryer	31.42	37.40	2.84	2.84	0.22	2.06
Totals	31.42	37.40	157.83	61.98	0.22	2.06